

Issue 82 October 24th, 2015

## **Top links**

#### The Yellow Box of Power

The Yellow Box of Power is a very yellow Pelican box (size 1550) loaded up with 36 amp-hours of 12-volt battery capacity that can be charged by way of normal 120V household power or through one or more solar panels.

GAD.net

### <u>Use of 146.52 MHz FM simplex frequency cleared for ARRL contests</u>

The committee felt that permitting the use of 146.52 MHz would allow new/curious contesters possessing only FM-mode radios to stumble upon more contacts.

ARRL

### How do lacquered boards stand up over time?

A query I hear from time to time about using copper-plated boards for construction is what they look like after a few months or years.

AA7EE

# Unscientific spectral analysis of two Baofeng radios

This transmitter is all over the place. Tons of spurious emissions, some as little as 30dB down from the fundamental. This transmitter is definitely misbehaving or not properly filtered.

KD8TWG

# **Digital Voice Balkanization**

Wouldn't it be cool if we had one digital communications format for the VHF/UHF amateur bands?

AmateurRadio.com

# All your modem are belong to us

Closed source and proprietary chipsets are nasty, a glaring problem in a cool geeky field that is otherwise open source. It's got to be fixed.

**ROWETEL** 

## Spoken command injection on Siri, Google

It is possible to trigger Siri remotely by emitting an AM-modulated signal containing voice

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commands at 103 MHz.

University of Pennsylvania

## **Try FSQ for fast, simple QSOs**

FSQ is a Fast Simple QSO mode designed specifically for HF. It works well under NVIS and sunrise/sunset conditions on the lower bands, and also works well for short skip and grey-line on higher bands.

KB6NU

### **Scripting Fldigi on OS X**

With excellent support for executing external scripts, it is easy to set up Fldigi to log all recorded QSOs directly to one of the three major OS X logbook programs.

Mac Ham Radio

### **Good SWR and antenna resonance**

Standing Wave Ratio (SWR) is an important concept that describes how good of a match exists between a transceiver and antenna system.

Ham Radio School

#### **Video**

## VHF propagation timelapse

This is a timelapse of NG0E's APRS VHF Propagation monitor.

YouTube

#### Fox 1A satellite beacon

"Hi, this is amateur radio satellite Fox 1."

YouTube

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